

Source Water Assessment Report



Public Water Supply: COFFEYVILLE, CITY OF

**Assessment Areas Include:
998**



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Bureau of Water Watershed Management Section
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Reports were generated with the Automated Source Water Assessment Tool (ASWAT). Assessments were completed online using ASWAT by hundreds of state employees, public water supply staff, and technical assistant providers throughout the State of Kansas.

Table Of Contents

<u>Report Description</u>	
<u>Assessment Area 998</u>	<u>1.0</u>
<u>Executive Summary</u>	<u>1.1</u>
<u>Potential Sources</u>	<u>1.2</u>
<u>Added Sources</u>	<u>1.3</u>
<u>Potential Contaminants Summary</u>	<u>1.4</u>
<u>Potential Contaminants Listing</u>	<u>1.5</u>
<u>Protection Measures</u>	<u>1.6</u>
<u>Assessment Analysis</u>	<u>1.7</u>
<u>Site Comments</u>	<u>1.8</u>
<u>Added Site Comments</u>	<u>1.9</u>
<u>Analysis Question Comments</u>	<u>1.10</u>

Report Description

Detailed Explanation of Entire Report:

The 1996 amendments to the Safe Drinking Water Act require each state to develop a Source Water Assessment Program (SWAP) and a Source Water Assessment (SWA) for each Public Water Supply (PWS) that treats and distributes raw source water. In Kansas there are 761 public water supplies that require SWAs. A SWA includes a delineation of the source water assessment area, an inventory of potential contaminant sources, and a susceptibility analysis.

A PWS can consist of one or more individual assessment areas that require different assessments. In general, an assessment area is delineated at a two-mile fixed radius for a groundwater well. A surface water intake assessment area is the upstream-drainage area (watershed), inside the state border. Additionally, an assessment area can consist of an individual well, group of wells, an individual surface water intake, or multiple surface water intakes.

After each assessment is completed a report is automatically generated using an Internet-based application called the Automated Source Water Assessment Tool (ASWAT). The individual assessment reports combine to form the entire SWA report for a PWS.

A map of each Assessment Area was also generated with ASWAT. However, for security reasons the maps are not included in this report. To obtain a copy of the map(s), please contact your local PWS.

All PWS reports will be available for viewing and downloading on KDHE's Watershed Management Section website(<http://www.kdhe.state.ks.us/nps>) in 2004.

COFFEYVILLE, CITY OF Summary:

AA	Type	Diversion Id
998	Surface water single intake	999

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Executive Summary:

The Executive Summary gives the assessment area's Susceptibility Likelihood Score (SLS) for each contaminant of concern category.

SLS indicates which contaminant category is most likely to impact a given public water supply. Contaminants of concern for groundwater include microbiological, inorganic compounds, nitrates, synthetic organic compounds, pesticides, and volatile organic compounds. Contaminants of concern for surface water include microbiological, inorganic compounds, eutrophication – phosphorus, sedimentation, synthetic organic compounds, pesticides, and volatile organic compounds.

To determine the assessment area's susceptibility to contamination, a qualitative (semi-quantitative) screening level susceptibility analysis was designed that utilizes general assumptions and best professional judgement. It is a systematic procedure comprised of simple yes/no questions. Each question in the susceptibility analysis focuses on the presence or absence of potential pollution sources in the assessment area. SLS is most useful in helping the Public Water Supply (PWS) focus on water quality protection actions towards a contaminant category of concern. For example, if the SLS for microbiological contamination is high, relative to volatile organic compounds (VOC), water supply protection planners would conclude that the attention should be directed towards microbiological contaminant sources rather than VOC sources.

Executive Summary

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Susceptibility Likelihood Scores for Assessment Area

	A	B	B1	B2	C	C*	D
Susceptibility Likelihood Score – SLS	34	38	38	43	36	29	35
SLS Range	Low	Low	Low	Low	Low	Low	Low

A – Microbiological

B2 – Sedimentation

C* – Pesticides

B – Inorganic Compounds

C – Synthetic Organic Compounds

D – Volatile Organic Compounds

B1 – Eutrophication – Phosphorous

Susceptibility Likelihood Range

SLS Range	
0–50	Low Susceptibility
51–80	Moderate Susceptibility
81–100	High Susceptibility

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Potential Sources:

The Potential Sources section lists all the sites that have been identified as potential sources of contamination.

Potential sources of contamination may include land uses, industry, or businesses that could generate or store chemicals/substances that could potentially contaminate the water supply only if released into the environment. Both unregulated sites from business location databases and regulated sites from various KDHE databases were compiled. Additional sites could have been added by an evaluator through the assessment process to supplement the original data.

The 1987 Standard Industrial Classifications (SIC) were used to identify potential contaminate sites. The SIC system classifies establishments into industries on the basis of the primary activities of the establishment.

Each assessment area is delineated with 3 assessment zones. These zones can be used to get a general understanding of the potential influence sites have based on proximity to the water supply. Zone A is a 100-foot radius around a groundwater well and a 1000-foot radius around a surface water intake. Zone B is a 2000-foot radius around wells and a hydrological delineated buffer around the surface water sources. Zone C is a 2-mile radius around wells and the balance of the watershed for intakes. The potential sources listed in this section are sorted to show all the potential sources in Zone A first, Zone B second, and Zone C third.

Although a facility or business is identified in the study as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.

The data for the potential sources of contamination was compiled from May through August in 2002. Some of the databases used were incomplete datasets that are continually being updated. Due to the incompleteness, inaccuracies, and new development, it is possible that sources of potential contamination that are in the assessment area are not included in the report. Inaccurate locations could also cause sources to show up in the assessment area that are not actually in the assessment. Additionally, duplication between the datasets could cause sites to show up multiple times in the assessment area.

Potential Sources

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
152251	General Farm, Primarily Crop	191	B
154100	General Farm, Primarily Crop	191	B
154113	General Farm, Primarily Crop	191	B
155508	Veterinary Services, Specialties	742	B
153915	Animal Specialty Services	752	B
154114	Rock Quarry	1429	B
155579	Rock Quarry	1429	B
152221	Single-family Housing Construction	1521	B
152222	Single-family Housing Construction	1521	B
153911	Single-family Housing Construction	1521	B
154070	Single-family Housing Construction	1521	B
155418	Single-family Housing Construction	1521	B
155512	Single-family Housing Construction	1521	B
189925	Single-family Housing Construction	1521	B
152250	Nonresidential Construction	1542	B
189935	Nonresidential Construction	1542	B
153916	Meat Packing Plant Manufacturing	2011	B
155511	Meat Packing Plant Manufacturing	2011	B

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
155402	Prepared Feeds For Animals and Fowls	2048	B
153914	Soybean Oil Mills Manufacturing	2075	B
155445	Wood Kitchen Cabinets Manufacturing	2434	B
155571	Structural Wood members Manufacturing	2439	B
166901	Prefabricated Wood Buildings Manufacturing	2452	B
154084	Furniture and Fixtures Manufacturing	2599	B
155548	Newspapers Publishing and Printing	2711	B
153900	Commercial Printing NEC	2759	B
155467	Plastics products Manufacturing	3089	B
155403	Hand and Edge tools Manufacturing	3423	B
155492	Fabricated Plate Work (boiler shops) Manufacturing	3443	B
154051	Metal Stampings Manufacturing	3469	B
155513	Special Industries Machinery Manufacturing	3559	B
155446	Machinery, Except Electrical Manufacturing	3599	B
166902	Machinery, Except Electrical Manufacturing	3599	B
189951	Machinery, Except Electrical Manufacturing	3599	B
155404	Signs and Advertising Display Manufacturing	3993	B

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
155447	Manufacturing Industries, nec	3999	B
154095	Local Trucking, without Storage	4212	B
153872	Farm Product Warehousing and Storage	4221	B
155448	Pipeline Terminal	4789	B
155533	Construction and Mining Machinery	5082	B
154093	Farm and Garden Machinery	5083	B
166919	Farm and Garden Machinery	5083	B
189922	Scrap and Waste Materials	5093	B
155491	Petroleum Bulk Stations and Terminals (Truck Farm)	5171	B
155522	Petroleum Bulk Stations and Terminals (Truck Farm)	5171	B
154055	Gasoline Service Station	5541	B
155530	Gasoline Service Station	5541	B
155539	Gasoline Service Station	5541	B
166918	Sporting and Recreational Camps	7032	B
154053	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
155564	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
189943	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
189950	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
152231	Auto Truck Repair Service	7538	B
153878	Auto Truck Repair Service	7538	B
154120	Auto Truck Repair Service	7538	B
155408	Auto Truck Repair Service	7538	B
155526	Auto Truck Repair Service	7538	B
155580	Auto Truck Repair Service	7538	B
153892	Car Wash	7542	B
152234	Repair Services, Nec	7699	B
189405	Repair Services, Nec	7699	B
189932	Repair Services, Nec	7699	B
152662	General Farm, Primarily Crop	191	C
190103	General Farm, Primarily Crop	191	C
191522	General Farm, Primarily Crop	191	C
154085	Dairy Farms	241	C
154063	Veterinary Services, Specialties	742	C
189959	Veterinary Services, Specialties	742	C
189983	Veterinary Services, Specialties	742	C
189984	Veterinary Services, Specialties	742	C
190074	Veterinary Services, Specialties	742	C
190372	Veterinary Services, Specialties	742	C
190373	Veterinary Services, Specialties	742	C
155576	Animal Specialty Services	752	C
189347	Animal Specialty Services	752	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
190117	Animal Specialty Services	752	C
189348	Oil and Gas Field services	1389	C
190388	Oil and Gas Field services	1389	C
153927	Single-family Housing Construction	1521	C
153928	Single-family Housing Construction	1521	C
154036	Single-family Housing Construction	1521	C
154087	Single-family Housing Construction	1521	C
189415	Single-family Housing Construction	1521	C
189474	Single-family Housing Construction	1521	C
189491	Single-family Housing Construction	1521	C
189628	Single-family Housing Construction	1521	C
189918	Single-family Housing Construction	1521	C
189937	Single-family Housing Construction	1521	C
190126	Single-family Housing Construction	1521	C
190391	Single-family Housing Construction	1521	C
190456	Single-family Housing Construction	1521	C
189349	Nonresidential Construction	1542	C
189444	Nonresidential Construction	1542	C
189837	Nonresidential Construction	1542	C
190049	Nonresidential Construction	1542	C
155573	Highway and Street Construction	1611	C
189472	Highway and Street Construction	1611	C
189523	Highway and Street Construction	1611	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
189811	Highway and Street Construction	1611	C
189812	Highway and Street Construction	1611	C
189813	Highway and Street Construction	1611	C
153871	Prepared Feeds For Animals and Fowls	2048	C
190422	Prepared Feeds For Animals and Fowls	2048	C
190479	Animal and Marine Fats and Oils Manufacturing	2077	C
190087	Bottled and Canned Soft Drinks Production	2086	C
190088	Logging Camps and Logging Contractors Manufacturing	2411	C
155473	Wood Kitchen Cabinets Manufacturing	2434	C
153941	Newspapers Publishing and Printing	2711	C
189399	Newspapers Publishing and Printing	2711	C
189562	Newspapers Publishing and Printing	2711	C
189563	Newspapers Publishing and Printing	2711	C
189763	Newspapers Publishing and Printing	2711	C
190424	Newspapers Publishing and Printing	2711	C
153903	Commercial Printing–Lithographic	2752	C
153920	Commercial Printing–Lithographic	2752	C
155577	Commercial Printing–Lithographic	2752	C
189788	Commercial Printing–Lithographic	2752	C
190078	Commercial Printing–Lithographic	2752	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
190375	Commercial Printing–Lithographic	2752	C
153965	Commercial Printing NEC	2759	C
189488	Plastics products Manufacturing	3089	C
190376	Plastics products Manufacturing	3089	C
190488	Plastics products Manufacturing	3089	C
189352	Cement, Hydraulic Manufacturing	3241	C
190115	Concrete Products Manufacturing	3272	C
189469	Ready–mix Concrete Plant	3273	C
157074	Mineral Wool Manufacturing	3296	C
189353	Sheet Metal Work Manufacturing	3444	C
189859	Sheet Metal Work Manufacturing	3444	C
189953	Special Industries Machinery Manufacturing	3559	C
153957	Machinery, Except Electrical Manufacturing	3599	C
189470	Machinery, Except Electrical Manufacturing	3599	C
189492	Machinery, Except Electrical Manufacturing	3599	C
189354	Truck Trailers Manufacturing	3715	C
189344	Aircraft––manufacturing	3721	C
155436	Boat Building and Repairing Shop Manufacturing	3732	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
189506	Travel trailers and Campers Manufacturing	3792	C
189869	Signs and Advertising Display Manufacturing	3993	C
191512	Farm Product Warehousing and Storage	4221	C
189557	Combination Utility Services, nec	4939	C
190446	Refuse Systems	4953	C
190489	Refuse Systems	4953	C
189360	Farm and Garden Machinery	5083	C
189361	Farm and Garden Machinery	5083	C
189362	Farm and Garden Machinery	5083	C
189364	Petroleum Bulk Stations and Terminals (Truck Farm)	5171	C
152664	Gasoline Service Station	5541	C
189540	Gasoline Service Station	5541	C
189875	Gasoline Service Station	5541	C
190007	Gasoline Service Station	5541	C
190020	Gasoline Service Station	5541	C
190033	Gasoline Service Station	5541	C
153885	Mobile Home Park	6515	C
190056	Mobile Home Park	6515	C
153919	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
171802	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
189975	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
190017	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
190455	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
152629	Auto Truck Repair Service	7538	C
155439	Auto Truck Repair Service	7538	C
189374	Auto Truck Repair Service	7538	C
189479	Auto Truck Repair Service	7538	C
189485	Auto Truck Repair Service	7538	C
190012	Auto Truck Repair Service	7538	C
190015	Auto Truck Repair Service	7538	C
190054	Auto Truck Repair Service	7538	C
190380	Auto Truck Repair Service	7538	C
190401	Auto Truck Repair Service	7538	C
190420	Auto Truck Repair Service	7538	C
190449	Auto Truck Repair Service	7538	C
190452	Auto Truck Repair Service	7538	C
190463	Auto Truck Repair Service	7538	C
189616	Car Wash	7542	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
189966	Car Wash	7542	C
152246	Repair Services, Nec	7699	C
189421	Repair Services, Nec	7699	C
190105	Repair Services, Nec	7699	C
189376	Golf Course	7992	C
190484	Golf Course	7992	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001218	Callarman Farms	A-VEWL-M001	B
2001245	Schultz, Chester	A-VEWL-S022	B
2001415	Triple Valley Farms, Inc.	A-VEMG-M002	B
2001690	Bracken, Lee	A-VEWL-S019	B
2001815	Erbe Hog Farm	A-VEWL-S003	B
2002162	Mitchell, Dean O.	A-VEMG-S021	B
2002410	S W Farms	A-VEMG-S042	B
2000404	Williams, James C.	A-VEWL-MA01	C
2000799	Sherwin Farms, Inc.	A-VEMG-S036	C
2000818	Jensen Dairy, Rick And Cindy Jensen	A-VEWL-M005	C
2001410	Leck, Richard	A-VENO-M001	C
2001522	Bar M Bar Veterinary Clinic	A-VEMG-B001	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001549	Shulthis Properties	A-VEMG-BA01	C
2001695	Felts Farms	A-VEMG-S010	C
2001876	Ewing, Harold L	A-VEMG-MA09	C
2001920	Springer, Lee (#2 Sow Farm)	A-VEMG-S040	C
2002257	S And W Swine L.l.c.	A-VEMG-S041	C
2002273	Pringle Pre-cond. Feedlot	A-VEWO-B001	C
2002588	Springer, Dale	A-VEMG-H009	C
2002659	Springer, Lee (Elevator Facility)	A-VEMG-H002	C

Regulated Hazardous Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
4000043	SYSTECH ENVIRONMENTAL CORP	KSD980633259	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001880	Greaves Mini Mart	27327	B
3000038	Montgomery Co	00182	C
3000650	Johnsons General #31	06748	C
3001168	Miller Brothers, Independence	18906	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002398	Crescent Oil Co, Independence	40145	C
3002399	Crescent Oil Co, Dx Plant	40150	C

Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000003	GREAT EASTERN ENERGY	C306371199	B
7000440	HARRIMAN	C306300019	B
7000444	SARCO (STANDARD ASPHALT RUBBER CO)	C306300040	B
7000453	FIBERGLASS CORP OF AMERICA (FCA)	C306303007	B
7000456	COFFEYVILLE AAF	C306303018	B
7000474	SOUTHEAST MANUFACTURING COMPANY, INC.	C310300187	B
7000477	AIROSOL COMPANY	C310371234	B
7000478	NEODESHA POW CAMP (FORMER)	C310371257	B
7000479	BNSF – FORMER CRESCENT OIL BULK PLANT	C310371424	B
7000441	NATIONAL ZINC COMPANY (CHERRYVALE ZINC DIVISION)	C306300026	C
7000447	APTUS ENVIRONMENTAL SERVICES	C306300167	C
7000449	COFFEYVILLE INDUSTRIAL AIRPORT	C306300192	C
7000457	CHERRYVALE AUXILIARY FIELD #9	C306303019	C
7000459	COFFEYVILLE AIRCRAFT INC	C306370119	C
7000463	EMERSON MOTOR COMPANY	C306370963	C

Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000464	CHERRYVALE RESIDENTIAL YARDS	C306371097	C
7000472	NEODESHA REFINERY (FORMER AMOCO REFINERY)	C310300027	C
7000473	NEODESHA REFINERY (FORMER AMOCO REFINERY)	C310300027	C
7000475	WILLIAMS, NEODESHA	C310370113	C
7000476	BENTLY GARMENT CARE	C310370355	C

Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000140	City of Fredonia	0157-S	B
5000252	Atlas Cement Co.	0248-S	B
5000304	B C Hatchery Inc.	0294-S	B
5000375	Atlas Cement Co.	0368-S	B
5000392	Heartland Cement Co	0383-S	B
5000393	Heartland Cement Co	0384-S	B
5000530	Heartland Cement Co.	0515-S	B
5000531	Heartland Cement Co.	0516-S	B
5000573	Systech Corp.	0561-S	B
5000578	Aptus – Hazardous Permitted	0566-S	B
5000580	Systech Corp.	0568-S	B

Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000588	Heartland Cement Co.	0576-S	B
5000638	City of Independence	0627-S	B
5000827	Tri-Valley Compost, LLC	0798-S	B
5000290	Wilson County	0280-S	C
5000495	Lafarge Midwest, Inc.	0479-S	C
5000558	Cherryvillage, Inc.	0544-S	C
5000625	City of Cherryvale	0612-S	C
5000634	City of Cherryvale	0623-S	C
5000718	Montgomery County HHW	0696-S	C

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000496	CANDLEROCK RESIDENTIAL CARE	C-VE18-NO01	B
6000497	CHAUTAUQUA OF ROCKY RIDGE	C-VE18-NO02	B
6000936	MIDWEST MINERALS – #29 QUARRY	I-VE02-PO01	B
6000937	NELSON QUARRY – BENEDICT/ENGLEMAN	I-VE02-PO02	B
6000940	NELSON QUARRY – CHERRYVALE QUARRY	I-VE07-PO03	B
6000942	WILLIAMS NAT. GAS – GRAHAM COMP. STA.	I-VE09-NP02	B
6000949	COFFEYVILLE INDUSTRIAL PARK	I-VE09-PO07	B
6000952	APAC-KANSAS,INC.,SHEARS DIV.-FALL RIVER	I-VE17-PO02	B
6000953	LAFARGE CORPORATION – FREDONIA PLANT	I-VE18-PO01	B

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000954	LAFARGE CORPORATION – CLAY PIT	I-VE18-PO02	B
6000955	HEARTLAND CEMENT COMPANY	I-VE23-PO01	B
6000958	FIBERGLASS ENGINEERING INC.	I-VE29-NC02	B
6001901	ALTOONA	M-VE01-OO01	B
6001902	USD #387 MIDWAY SCHOOL	M-VE03-NO01	B
6001903	BUFFALO	M-VE03-OO01	B
6001904	BUFFALO	M-VE03-OO02	B
6001911	CHERRYVALE MWTF	M-VE07-OO01	B
6001912	KDOT – MONTGOMERY CO.	M-VE07-OO03	B
6001925	KDWP – FALL RIVER	M-VE17-NO01	B
6001927	FALL RIVER MWTP	M-VE17-OO01	B
6001928	FREDONIA MWTP	M-VE18-OO01	B
6001934	INDEPENDENCE MWTF	M-VE23-IO01	B
6001935	INDEPENDENCE MWTF	M-VE23-IO01	B
6001937	KDWP – ELK CITY STATE PK (RESERVOIR)	M-VE23-NO02	B
6001938	LIBERTY	M-VE24-OO01	B
6001944	NEODESHA	M-VE29-OO01	B
6001948	SEVERY MWTP	M-VE34-OO01	B
6001949	THAYER MWTP	M-VE35-OO01	B
6000204	NELSON QUARRY – ROSE QUARRY	I-NE70-PO01	C
6000276	KDOT. WILSON CO. REST AREA	M-VE18-OO02	C
6000495	WESTMINSTER WOODS CHUCH CAMP	C-VE17-NO01	C
6000498	PARK WEST PROPERTIES WWTF	C-VE23-NO06	C

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000499	NEODESHA INN	C-VE29-NO01	C
6000938	MICRO-LITE, INC.	I-VE03-PO01	C
6000939	MIDWEST MINERALS – #6 (CHERRYVALE)	I-VE07-PO02	C
6000950	APTUS GROUNDWATER REMEDIATION PROJECT	I-VE09-PO10	C
6000959	MIDWEST MINERALS – #27	I-VE29-PO03	C
6000960	NELSON QUARRY – NEODESHA	I-VE29-PO04	C
6000963	HARSHMAN CONST. – PRINGLE	I-VE44-PO01	C
6001909	CHERRYVALE MWTF	M-VE07-OO01	C
6001910	CHERRYVALE MWTF	M-VE07-OO01	C
6001917	COFFEYVILLE MWTP	M-VE09-OO01	C
6001943	KDOT. NEODESHA REST AREA	M-VE29-NO01	C
6001955	MONTGOMERY CO. S.D. #5-SYCAMORE	M-VE40-OO01	C
6002037	HARMON, INC.	P-VE29-OO01	C

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Added Sources:

The Added Sources section lists all the sites that have been added as potential sources of contamination by an evaluator through the assessment process to supplement the original data.

The potential sources listed in this section are sorted to show the added potential sources in Zone A first, Zone B second, and Zone C third.

Although a facility or business was added as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.

Added Sources

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9001296	grove of trees	0	B
9001297	grove of trees	0	B
9001298	grove of trees	0	B

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Potential Contaminants Summary:

The Contaminants Summary shows the number of identified unregulated sources in the assessment area for each contaminant of concern category.

In order to obtain the number of sources for each category, a relationship was correlated between each Standard Industrial Classification (SIC) and the contaminant of concern categories. Each SIC was assessed and associated with contaminant categories. For example, if not managed properly, a car wash (SIC 7542) could potentially contaminate an intake because of inorganic compounds (IOC) and volatile organic compounds (VOC); thus, a car wash is associated with IOCs and VOCs.

A chart displays a count for each contaminant category. The sum for each category represents the total number of identified sources that have been associated with that particular contaminant category. However, the total number of identified sources does not include contaminants from the Added Sources. In our example, a car wash would be considered 2 sources of contamination. It would be a potential source of contamination for IOCs and for VOCs; thus, 1 would be added to the total number of sources in the VOC category and 1 would be added to the IOC category.

Potential Contaminants Summary

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Number of Unregulated Site Sources Identified for each Contaminant Category

MicroBiological	Sedimentation	Pesticides	IOC's	SOC's	VOC's	E – P
48	55	13	139	39	93	43

A – Microbiological

B2 – Sedimentation

C* – Pesticides

B – Inorganic Compounds

C – Synthetic Organic Compounds

D – Volatile Organic Compounds

B1 – Eutrophication – Phosphorous

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Potential Contaminants Listing:

The Potential Contaminants section lists the contaminant of concern category associated with each Standard Industrial Classification (SIC) found in an assessment area. A complete list of contaminant category codes are located at the bottom of this page.

The relationships defined between the Standard Industrial Classifications (SIC) and the contaminant of concern categories are displayed in a table format. Using our car wash example, the relationships can be better illustrated. A car wash could release IOC and VOC chemical substances. The connection is shown by indicating the SIC, 7542, and the associated contaminant categories, IOC (Category B) and VOC (Category D). However, the contaminants listed are not associated with any Added Sources.

The list is sorted by the SIC source description and it only shows unique SIC sources. For example, an assessment area can have 20 car washes in an assessment area, but the list is only going to show contaminant categories associated with car washes onetime. This is because all car washes have the same SIC and every car wash poses the same potential threat to water intakes.

A – Microbiological **B** – Inorganic Compounds **B1** – Eutrophication – Phosphorous
B2 – Sedimentation **B*** – Nitrates **C** – Synthetic Organic Compounds
C* – Pesticides **D** – Volatile Organic Compounds

Potential Contaminants Listing

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Unregulated Identified Site Sources and associated Potential Contaminant Category

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3721	Aircraft--manufacturing	inorganics, VOCs	B
"	"	"	D
2077	Animal and Marine Fats and Oils Manufacturing	BOD, oil and grease, TSS	A
"	"	"	B
7538	Auto Truck Repair Service	Inorganics, VOCs	B
"	"	"	D
3732	Boat Building and Repairing Shop Manufacturing	inorganics, VOCs	B
"	"	"	D
2086	Bottled and Canned Soft Drinks Production	BOD	A
7542	Car Wash	Inorganics, VOCs	B
"	"	"	B1
"	"	"	B2
"	"	"	D
3241	Cement, Hydraulic Manufacturing	Minerals and TSS	B
4939	Combination Utility Services, nec	Inorganics, VOCs	B
"	"	"	D
3272	Concrete Products Manufacturing	Minerals and TSS	B

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
5082	Construction and Mining Machinery	NA	NA
3443	Fabricated Plate Work (boiler shops) Manufacturing	inorganics	B
"	"	"	D
2599	Furniture and Fixtures Manufacturing	TSS, VOCs	B
"	"	"	D
5541	Gasoline Service Station	Inorganics, VOCs	B
"	"	"	D
7992	Golf Course	Fertilizers and pesticides	A
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
3423	Hand and Edge tools Manufacturing	inorganics, VOCs	B
"	"	"	D
1611	Highway and Street Construction	Sedimentation	B2
4212	Local Trucking, without Storage	VOCs	D
2411	Logging Camps and Logging Contractors Manufacturing	Domestic wastes, TSS	A
"	"	"	B
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	B

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	D
3999	Manufacturing Industries, nec	inorganics, VOCs	B
"	"	"	D
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	A
"	"	"	B*
3469	Metal Stampings Manufacturing	inorganics, VOCs	B
"	"	"	D
3296	Mineral Wool Manufacturing	Metals, minerals and TSS	B
6515	Mobile Home Park	Sanitary wastes, Fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B*
1542	Nonresidential Construction	Sedimentation	B2
1389	Oil and Gas Field services	Oil, Salt Water	B
"	"	"	C
5171	Petroleum Bulk Stations and Terminals (Truck Farm)	Inorganics, VOCs	B
"	"	"	D
4789	Pipeline Terminal	Inorganics, VOCs	B
"	"	"	D

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3089	Plastics products Manufacturing	inorganics, VOCs	B
"	"	"	D
2452	Prefabricated Wood Buildings Manufacturing	TSS	B
"	"	"	D
3273	Ready-mix Concrete Plant	Minerals and TSS	B
1429	Rock Quarry	Sedimentation	B2
5093	Scrap and Waste Materials	Metals, TSS	B
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	B
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	B
"	"	"	D
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	A
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
2075	Soybean Oil Mills Manufacturing	BOD, oil and grease, TSS	A
"	"	"	B
3559	Special Industries Machinery Manufacturing	inorganics, VOCs	B
"	"	"	D

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2439	Structural Wood members Manufacturing	TSS, VOCs	B
"	"	"	D
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	B
"	"	"	D
3792	Travel trailers and Campers Manufacturing	inorganics, VOCs	B
"	"	"	D
3715	Truck Trailers Manufacturing	inorganics, VOCs	B
"	"	"	D
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	A
"	"	"	B
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	B
"	"	"	D
752	Animal Specialty Services	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	B
"	"	"	C

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	D
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
241	Dairy Farms	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
4221	Farm Product Warehousing and Storage	TSS, VOCs	B
"	"	"	D
5083	Farm and Garden Machinery	inorganics	B
191	General Farm, Primarily Crop	fertilizers, Pesticides	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	B
"	"	"	C

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	D
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
4953	Refuse Systems	ALL	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
"	"	"	C*
"	"	"	D
7699	Repair Services, Nec	inorganics	B

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Protection Measures:

The Protection Measures section shows water quality protection measures for the Standard Industrial Classifications (SIC) identified in the assessment area.

Previous sections of this report are designed to show areas that Public Water Supplies (PWS) can focus on to improve the susceptibility of an assessment area. This section helps identify water quality protection measures that a PWS can use as guidance for implementing action for a potential contaminant site in the assessment area. It focuses on protection measures that can reduce the risk of contamination to the water supply.

This portion of the report only displays water quality protection measures for each type of SIC found in the assessment area. It does not display protection measures for each site in the assessment area because every SIC should have the same or similar water quality protection management practices. However, the protection measures listed are not associated with any Added Sources.

Protection Measures

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3721	Aircraft—manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 464 and State or federal Storm water pollution prevention regulations
2077	Animal and Marine Fats and Oils Manufacturing	BOD, oil and grease, TSS	Wastewater pretreatment and/or discharge to a POTW. Grounds maintenance and cleanup. Fat traps on sewer lines.	40 CFR 122 and State or federal Storm water pollution prevention regulations
7538	Auto Truck Repair Service	Inorganics, VOCs	Discharge to POTW. Manage oil products and used oil so that it is not in contact with water	40 CFR 442 and
3732	Boat Building and Repairing Shop Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct. Recycle where possible. Manage chemicals carefully	State or federal Storm water pollution prevention regulations
2086	Bottled and Canned Soft Drinks Production	BOD	Wastewater pretreatment and/or discharge to a POTW.	40 CFR 407 and State or federal Storm water pollution prevention regulations
7542	Car Wash	Inorganics, VOCs	Install and maintain sediment and grease traps where appropriate	40 CFR 442

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3241	Cement, Hydraulic Manufacturing	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	40 CFR 411 and State or federal Storm water pollution prevention regulations
4939	Combination Utility Services, nec	Inorganics, VOCs	Maintain secondary containment for fuel storage and fueling areas. Maintain and inspect. Effect repairs promptly	NA
3272	Concrete Products Manufacturing	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
5082	Construction and Mining Machinery	NA	Discharge to POTW	NA
3443	Fabricated Plate Work (boiler shops) Manufacturing	inorganics	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
2599	Furniture and Fixtures Manufacturing	TSS, VOCs	Discharge of process waters to POTW.	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
5541	Gasoline Service Station	Inorganics, VOCs	Maintain area to minimize fuel contamination	NA
7992	Golf Course	Fertilizers and pesticides	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals.	KDHE, KAR 28-16
3423	Hand and Edge tools Manufacturing	inorganics, VOCs	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
1611	Highway and Street Construction	Sedimentation	Erosion and Sediment Control	KAR 28-16, KDHE
4212	Local Trucking, without Storage	VOCs	Discharge to a POTW	State or federal Storm water pollution prevention regulations
2411	Logging Camps and Logging Contractors Manufacturing	Domestic wastes, TSS	Erosion control measures for logged areas and treatment of sanitary wastes	KAR-28-5 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
3999	Manufacturing Industries, nec	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	Wastewater pretreatment and/or discharge to a POTW	40CFR 432 and State or federal Storm water pollution prevention regulations
3469	Metal Stampings Manufacturing	inorganics, VOCs	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
3296	Mineral Wool Manufacturing	Metals, minerals and TSS	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 436 and State or federal Storm water pollution prevention regulations
6515	Mobile Home Park	Sanitary wastes, Fertilizers	Discharge to POTW. Minimize use of lawn chemicals	KAR 28-5

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
1542	Nonresidential Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE
1389	Oil and Gas Field services	Oil, Salt Water	Proper management of production wastes	KAR 28–41, 45, 40 CFR 435
5171	Petroleum Bulk Stations and Terminals (Truck Farm)	Inorganics, VOCs	Maintain secondary containment for fuel storage and fueling areas. Maintain and inspect. Effect repairs promptly	State or federal Storm water pollution prevention regulations
4789	Pipeline Terminal	Inorganics, VOCs	Maintain secondary containment for fuel storage and fueling areas. Maintain and inspect. Effect repairs promptly	NA
3089	Plastics products Manufacturing	inorganics, VOCs	Pre-treat wastewater prior to discharge. Minimize outdoor storage and control storm water runoff.	40 CFR 463 and State or federal Storm water pollution prevention regulations
2452	Prefabricated Wood Buildings Manufacturing	TSS	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3273	Ready-mix Concrete Plant	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
1429	Rock Quarry	Sedimentation	Erosion and Sediment Control	KAR 28-16
5093	Scrap and Waste Materials	Metals, TSS	Minimize contact with storm water	State or federal Storm water pollution prevention regulations
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 459 and State or federal Storm water pollution prevention regulations
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	Proper cleaning and disposal of household hazardous waste. Proper storage, application, and clean up of pesticides and fertilizers	KAR 28-48, KDHE, KDEM

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
2075	Soybean Oil Mills Manufacturing	BOD, oil and grease, TSS	Wastewater pretreatment and/or discharge to a POTW. Grounds maintenance and cleanup.	40 CFR 406 and State or federal Storm water pollution prevention regulations
3559	Special Industries Machinery Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
7032	Sporting and Recreational Camps	sanitary, fertilizers, pesticides	Discharge to POTW. Minimize use of lawn chemicals	KAR 28–5
2439	Structural Wood members Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	Discharge to POTW. Recycle where appropriate. Properly maintain oil product and waste. Manage paint and solvent wastes properly	NA
3792	Travel trailers and Campers Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3715	Truck Trailers Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	Discharge to POT	NA
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
752	Animal Specialty Services	Sanitary, fertilizers	Collect and treat wastes.	NA
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2752	Commercial Printing—Lithographic	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
241	Dairy Farms	Sanitary, fertilizers	Collect and treat process wastes. Use good erosion control practices. Minimize storm water contact with contaminants.	40 CFR 405
4221	Farm Product Warehousing and Storage	TSS, VOCs	Keep the area clean of grain. Use grease traps.	State or federal Storm water pollution prevention regulations
5083	Farm and Garden Machinery	inorganics	Discharge to POTW	NA
191	General Farm, Primarily Crop	fertilizers, Pesticides	Maintain good erosion control practices and minimize the use of chemicals	NA
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	Maintain animal feeding areas and feed storage areas to minimize contact with storm water. Collect and treat process wastes.	40 CFR 412 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
4953	Refuse Systems	ALL	Store wastes properly in order to minimize contact with storm water.	Maintain the lagoon or storage vessel properly. Control storm water run on and runoff to minimize contamination of storm water
7699	Repair Services, Nec	inorganics	Discharge to POTW	NA

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Assessment Analysis:

The Assessment Analysis section displays the numbers assigned to each contaminant of concern category for each question in the susceptibility analysis.

This analysis is based on a decision tree framework consisting of a series of yes/no questions. These questions consider the proximity of contaminant sources to the water supply intake, the type of contaminant, and the application of pollution prevention or water quality protection practices to sources of contamination. As the evaluator moves through the analytical framework, susceptibility points are accumulated based on the presence of contaminant sources in the assessment area.

After all the questions have been answered, the SLS is calculated for each contaminant of concern category. The SLS is determined by counting the number of contamination risk factors found to occur in the delineated assessment area and applying a multiplier to this number. Because the number of contaminant category risk factors is not equal, the multiplier is used to establish a common scale for the SLS of each contaminant category.

Assessment Analysis

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Surface Water Single Well Analysis

A – Microbiological **B** – Inorganic Compounds

B1 – Eutrophication – Phosphorous

B2 – Sedimentation **C** – Synthetic Organic Compounds

C* – Pesticides **D** – Volatile Organic Compounds

No.	Question	Response	A	B	B1	B2	C	C*	D
1	Is the intake located at a treatment plant?	Yes	0	0	0	0	0	0	0
2	Is there an open channel conveyance from the intake to the treatment plant?	No	0	0	0	0	0	0	0
3	Does a PWS own or control the conveyance right-of-way?	Yes	0	0	0	0	0	0	0
4	Does a PWS own or control the area within 1/4 mile of intake?	No	1	1	0	0	1	1	1
5	Is the area within 1/4 mile of the intake entirely native grass?	No	1	1	0	0	1	1	1
6	Is transportation infrastructure in close proximity to the intake?	No	0	0	0	0	0	0	0
7	Are there water quality protection plans for the transportation infrastructure?	Yes	0	0	0	0	0	0	0
8	Are any commercial, industrial, or urban areas present?	No	0	0	0	0	0	0	0
9	Does each industrial/commercial site and urban area have a water quality protection plan in place?	Yes	0	0	0	0	0	0	0
10	Is riparian area vegetated?	Yes	0	0	0	0	0	0	0
11	Has riparian area been farmed up to the stream/riverbank?	No	0	0	0	0	0	0	0
12	Is there a lack of native grass or trees?	No	0	0	0	0	0	1	0
13	Is livestock use present in riparian area?	No	0	0	0	0	0	0	0
14	Are any confined livestock production sites in riparian area?	No	0	0	0	0	0	0	0
15	Is each confinement area registered with KDHE?	Yes	0	0	0	0	0	0	0
16	Are any row crops (corn, milo, soybean) present?	No	0	0	0	0	0	0	0
17	Are water quality protection plans in use for each cropland?	Yes	0	0	0	0	0	0	0

No.	Question	Response	A	B	B1	B2	C	C*	D
18	Are any orchards present?	No	0	0	0	0	0	0	0
19	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
20	Is the intake a river intake?	Yes	1	1	0	1	1	1	1
21	Is the intake at a city-owned lake?	No	1	1	1	1	1	1	1
22	Is there water quality monitoring conducted at the river or lake?	Yes	0	0	0	0	0	0	0
23	Is TMDL needed for any of the rivers or lakes?	No	0	0	0	0	0	0	0
24	Are TMDL pollutants of concern reported by monitoring?	No	1	1	1	1	1	1	1
25	Are any point source discharges within 16 miles upstream of intake?	No	0	0	0	0	0	0	0
26	Is pretreatment required at any of the point sources?	No	0	0	0	0	0	0	0
27	Are all riparian buffers vegetated?	Yes	0	0	0	0	0	0	0
28	Are vegetated riparian buffer and a water quality protection plans in place?	No	1	1	1	1	0	1	0
29	Is there urbanized land within riparian buffer?	No	0	0	0	0	0	0	0
30	Is a NPDES stormwater permit required for the urbanized areas?	No	1	1	1	1	1	1	1
31	Are voluntary water quality protection plans in place for each urbanized area?	Yes	0	0	0	0	0	0	0
32	Is there industrial land use within riparian buffer?	No	0	0	0	0	0	0	0
33	Is NPDES stormwater permit required for industrial areas?	No	1	1	1	1	1	1	1
34	Are voluntary water quality protection plans in place for each industrial area?	Yes	0	0	0	0	0	0	0
35	Are there livestock present?	No	0	0	0	0	0	0	0
36	Is there livestock confinement present?	No	0	0	0	0	0	0	0
37	Is each confined livestock facility registered with KDHE?	Yes	0	0	0	0	0	0	0
38	Are any row crops (corn, milo, soybeans) present?	No	0	0	0	0	0	0	0
39	Are water quality protection plans in use for each row crop production?	Yes	0	0	0	0	0	0	0
40	Are any orchards present?	No	0	0	0	0	0	0	0
41	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
42	Is there any small grain (wheat, oats, barley) production?	Yes	0	0	1	1	0	1	0
43	Are water quality protection plans in use for each small grain production?	No	0	0	1	1	0	1	0
44	Are there unsewered developments (concentrations of lagoons or septic systems) present in Zone B?	Yes	1	1	0	0	0	0	0
45	Is a general watershed water quality protection plan in use?	No	1	1	1	1	1	1	1
46	Are any point source discharges within 16 miles upstream of intake?	No	1	1	1	0	1	0	1
47	Is pretreatment required at any of the point sources?	No	0	0	0	0	0	0	0

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Site Comments:

The Site Comments section lists all the comments that were added for the potential sources of contamination found in the assessment area.

Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding detail to the sites that can be referenced for more information.

This local information may include comments on potential contamination threats (or lack there of), local water quality protection initiatives, etc. Adding comments are optional and are mainly focused on sources in areas that could have the greatest impact on water supply if a spill or release occurred in the environment. It is left to the discretion of the PWS and/or source water assessment committee to add comments.

Site Comments

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Comments for Unregulated Sites

Potential Contaminant Site No.	Site Comments	Author
155508		Chuck Shively

Comments for Regulated Confined Animal Feeding Operations Sites

Did Not Receive Any Comments

Comments for Regulated Hazardous Waste Sites

Did Not Receive Any Comments

Comments for Regulated Leaking Storage Tank Sites

Did Not Receive Any Comments

Comments for Regulated Identified Contaminated Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
APTUS ENVIRONMENTAL SERVICES	7000447	Name changed to "Clean Harbor".	Chuck Shively

Comments for Regulated Identified Contaminated Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
COFFEYVILLE AAF	7000456	We are not sure what this site is, or wheather it still exists.	Chuck Shively
HARRIMAN	7000440	We are not sure what this site is, or whether it still exists.	Chuck Shively

Comments for Regulated Solid Waste Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Aptus – Hazardous Permitted	5000578	Name changed to "Clean Harbor".	Chuck Shively

Comments for Regulated Waste Water Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
APTUS GROUNDWATER REMEDIATION PROJECT	6000950	Name changed to "Clean Harbor".	Chuck Shively
CHERRYVALE WWTF	6001909	3 entries for this one WWTF.	Chuck Shively
CHERRYVALE WWTF	6001910	3 entries for this one WWTF.	Chuck Shively
CHERRYVALE WWTF	6001911	3 entries for this one WWTF.	Chuck Shively

Comments for Regulated Waste Water Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
COFFEYVILLE INDUSTRIAL PARK	6000949	This WWTF no longer exists. Demolished.	Chuck Shively
COFFEYVILLE MWTP	6001917	We Do not know what this is. We don not believe it exists.	Chuck Shively
KDWP – FALL RIVER	6001925	This facility uses non–discharging lagoons.	Nicole Fisher

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Added Site Comments:

The Added Site Comments section lists the comments for why sites were added as a potential source of contamination found to the assessment area.

Added Site Comments

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
grove of trees	9001296	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
grove of trees	9001297	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
grove of trees	9001298	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-01-23 15:06:49**

Analysis Question Comments:

The Analysis Question Comments section lists all the comments that were added during analysis portion of the assessment, in which a series of yes/no questions were asked.

Evaluators have the option to add comments to questions to clarify why a response was given or to give more details to a question. Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding clarification and details that could not be identified with a simple yes or no response.

Analysis Question Comments

Public Water Supply: **COFFEYVILLE, CITY OF**
Assessment Area: **998**

Comments for Analysis Questions

Analysis Question	Question Comments	Author
Is the area within 1/4 mile of the intake entirely native grass?	Native grass and farmland.	Chuck Shively
Are any point source discharges within 16 miles upstream of intake?	Not to our knowledge.	Chuck Shively
Is pretreatment required at any of the point sources?	Not to our knowledge.	Chuck Shively
Are water quality protection plans in use for each small grain production?	Not to our knowledge.	Chuck Shively
Are any orchards present?	Not to our knowledge.	Chuck Shively
Are any row crops (corn, milo, soybeans) present?	Not to our knowledge.	Chuck Shively
Is TMDL needed for any of the rivers or lakes?	Unsure.	Chuck Shively
Are TMDL pollutants of concern reported by monitoring?	Not to our knowledge.	Chuck Shively
Are any point source discharges within 16 miles upstream of intake?	Not to our knowledge.	Chuck Shively
Is there industrial land use within riparian buffer?	Not to our knowledge.	Chuck Shively